

POLYPROPYLENE CORE COMPOSITE STRUCTURAL MEMBER

ABSTRACT OF THE DISCLOSURE

Core for a composite structural member comprises rigid, extruded, closed-cell polypropylene foam in which the surfaces are skived to provide adhesive bonding to structural skin layers. Panel made from core in accordance with the invention has shear strength of from about 60 to 200 psi at a density of 3 to 8 pcf and is suitable for use in marine craft, vehicles, and in building construction. The core is kerfed or "kiss cut" prior to application of adhesive for use in forming curved surfaces without a scrim layer.

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